

Case Docket No. MMI-002

12/14/01
JC644 U.S. PTO

THE COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231

J1003 U.S. PTO
10/020141
12/14/01

"Express Mail" Mailing Label Number EL 931 674 293 US
Date of Deposit December 14, 2001
I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, DC 20231.
Viriato G. Cardoso
Signature
Viriato G. Cardoso
Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jeanette McCarthy and Allen Abelson

For: Diagnosis and Treatment of Vascular Disease

Enclosed are:

- ☐ This is a request for filing a ☐ continuation ☐ divisional application under 37 CFR 1.53(b), of pending prior application serial no. _____ filed on _____ entitled _____.
- ☒ 102 pages of specification, 32 pages of claims, 1 pages of abstract.
- ☒ 200 sheets of drawings (Figs. 1-14).
- ☒ An Declaration, Petition and Power of Attorney executed by Jeanette McCarthy only.
- ☒ An Assignment to Millennium Predictive Medicine, Inc., executed by Jeanette McCarthy only. A recordation form cover sheet (Form PTO 1595) is also enclosed.
- ☒ Transmittal Letter for Diskette of Sequence Listing.
- ☒ Diskette Containing Sequence Listing.
- ☒ Sequence Listing (231 pgs.)
- ☒ Preliminary Amendment (3 pgs. Including Version with Markings to Show Changes Made)
- ☒ Application Data Sheet (3 pages.)
- ☒ Return Postcard

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE	////////////////////	
TOTAL CLAIMS	199 - 20	= 179
INDEP. CLAIMS	45 - 3	= 42
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference in Col. 2 is less than zero, enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEE
////////	\$
x 9=	\$
x 42	\$
+140	\$
TOTAL	0

OTHER THAN SMALL ENTITY	
RATE	FEE
////////	\$ 740
x 18=	\$ 3222
x 84	\$ 3528
+280	\$ 280
TOTAL	\$7770.00

- ☐ Please charge my Deposit Account No. 12-0080 in the amount of \$.
A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$ \$7770.00 to cover the filing fee is enclosed.


MMI-002

- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-0080.
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.
A duplicate copy of this sheet is enclosed.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- ☐ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.
- ☒ A check in the amount of \$ 40.00 to cover the recording of assignment documents is also enclosed.
- ☒ Address all future communications (May only be completed by applicant, or attorney or agent of record) to DeAnn F. Smith, Esq. at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP
28 State Street
Boston, Massachusetts 02109

Date: December 14, 2001

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By 
DeAnn F. Smith, Esq.
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(617) 227-7400
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the application of: Jeanette McCarthy, *et al.*

Serial No.: Not Yet Assigned

Filed: Herewith

For: "Diagnosis and Treatment of Vascular Disease"

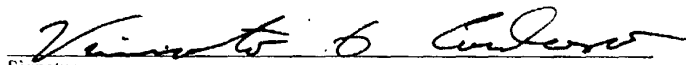
Attorney Docket No.: MMI-002

Commissioner for Patents
Box Sequence
Washington, D.C. 20231

TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING

Dear Sir:

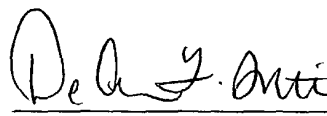
Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed herewith. The Sequence Listing complies with the requirements of 37 C.F.R. §1.821. The material on this diskette is identical in substance to the sequence listing appearing on pages 1-231, of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. §1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of §1.824(d).

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Signature	Viriato G. Cardoso
Please Print Name of Person Signing	

Date: December 14, 2001

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

By: 
DeAnn F. Smith, Esq.
Reg. No. 36,683
Attorney for Applicants